

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
8 March 2007 (08.03.2007)

PCT

(10) International Publication Number
WO 2007/026444 A1(51) International Patent Classification:
H04N 13/00 (2006.01)(74) Agents: YOSHITAKE, Kenji et al.; Kyowa Patent & Law
Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome,
Chiyoda-ku, Tokyo, 1000005 (JP).(21) International Application Number:
PCT/JP2006/307003(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

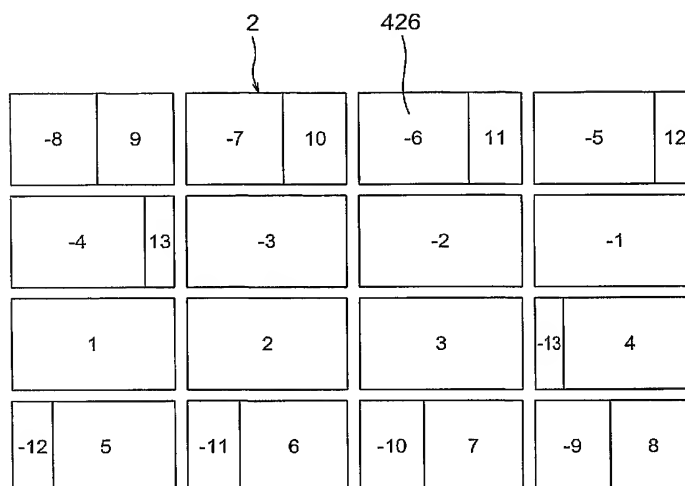
(22) International Filing Date: 28 March 2006 (28.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2005-251412 31 August 2005 (31.08.2005) JP(71) Applicant (*for all designated States except US*):
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1-chome, Minato-ku, Tokyo, 1058001 (JP).(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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tual Property Division, Toshiba Corporation, 1-1, Shibaura
1-chome, Minato-ku, Tokyo, 1058001 (JP).**Published:**— *with international search report**[Continued on next page]*(54) Title: STRUCTURE OF STEREOSCOPIC IMAGE DATA, STEREOSCOPIC IMAGE DATA RECORDING METHOD, RE-
PRODUCING METHOD, RECORDING PROGRAM, AND REPRODUCING PROGRAM

(57) Abstract: It is made possible to record stereoscopic image data of parallel-ray one-dimensional IP type in a format at a high compression rate with little image quality degradation. This stereoscopic image data can be efficiently decompressed and reproduced. A stereoscopic image data structure includes: a parallax component image data representing n or more parallax component images, each having accumulated pixels that cause the pixels to generate the parallel light rays in the same parallax direction in the viewing zone, and having different numbers of horizontal pixels. N combined images with the same numbers of vertical and horizontal pixels are a unit to be converted into a parallax interleaved image, the n combined images being formed by combining two or more parallax component images with parallax directions different from each other by n.

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